

Mac Liu

Computer Science at Iowa State University

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EDUCATION

Iowa State University

Bachelors of Science: Computer Science

GPA: 4.0

Graduation Date: May 2018

PROJECTS

Map My Meal

In Progress

Find where free food is located on your campus and discover local restaurant promotions. This app will be available in both Android and iOS.

Face Analysis

February 2015

iOS app that rates users on a 1-10 scale from an image of their face.

Move.

In Progress

A social events mobile app that allows users to connect with their favorite organizations.

MyDining

Fall 2014

Reverse-engineered the current Flash-based, online ISUWebfood app and created an iOS app on top of it.

Split Pay

Summer 2014

iOS app to browse through family and friend's bills and make pledges towards them.

More projects can be found on my website:

macliu.github.io/portfolio

AWARDS & RECOGNITIONS

Canvas My Campus – 1st Place

HackMidwest Hackathon 2014 – 2nd Place

HackISU Hackathon 2014 – 3rd Place

George Washington Carver Scholar

Iowa State University's Deans List

Iowa State University Honors Program

SKILLS

Programming

Java, Objective-C, Swift, Python, Javascript, JQuery, HTML, CSS, C#, XAML

Software

Xcode, Eclipse, Git, Visual Studio, Sublime Text

WORK HISTORY

Rockwell Collins

Software Engineering Coop

Spring 2015

Developing ALM tools using HTML, CSS, Python, Javascript, and Java to optimize performance on daily tasks.

AgriSync

Mobile Development Intern

Fall 2014 - Present

Worked with Objective-C and WAMS to create and update the AgriSync app.

Redeveloped the AgriSync app in C# and XAML with Xamarin.

Independent iOS Developer

Developer

Summer 2014 - Present

Worked with Objective-C and Swift to develop iOS applications with Azure and Parse for hosting services.

EXTRACURRICULARS

Mobile Development Club (Social Chair)

Computer Science/Software Engineering Club

Information Assurance Group

Startup Weekend in Cedar Rapids

CyHack Club

HackISU Hackathon

HackMidwest Hackathon

CodeDay

Garmin Programming Showdown

CTC Workshops (Volunteer)

